

1526 U.S. PTO

09/11/04



07/07/98

707	104	Class	Subclass	ISSUE CLASSIFICATION
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PATENT NUMBER

5987474



5987474

U.S. UTILITY PATENT APPLICATION

SCANNED <u>Sm</u>	O.I.P.E. <u>DW</u>	PATENT DATE <u>NOV 16 1999</u>
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SECTOR	CLASS <u>707</u>	SUBCLASS <u>104</u>	ART UNIT <u>2771</u>	EXAMINER <u>LINTZ</u>
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FILED WITH: ☐ DISK (CRF) ☐ FICHE
(Attached in pocket on right inside flap)

Cont.

PREPARED AND APPROVED FOR ISSUE

ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)					
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
<u>707</u>	<u>104</u>	<u>707</u>	<u>103</u>				
INTERNATIONAL CLASSIFICATION							
<u>G06F</u>	<u>17/30</u>						

☐ Continued on Issue Slip Inside File Jacket

<input checked="" type="checkbox"/> TERMINAL DISCLAIMER <u>09/11/04</u>	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg. <u>113</u>	Figs. Drwg. <u>113</u>	Print Fig. <u>1A-B</u>	Total Claims <u>12</u>	Print Claim for O.G. <u>1</u>
<input type="checkbox"/> e) The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)			NOTICE OF ALLOWANCE MAILED <u>5-3-99</u>	
<input checked="" type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. <u>5,778,381</u> .	Paul R. Lintz Primary Examiner <u>Paul R. Lintz</u> 4/28/99 (Primary Examiner) (Date)			ISSUE FEE Amount Due <u>605.00</u> Date Paid <u>8/19/99</u>	
<input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.	_____ (Legal Instruments Examiner) (Date)			ISSUE BATCH NUMBER <u>709</u>	

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Form PTO-436A (Rev. 10/97)

T. MILLS
QUERY
703-306-2021
ISSUE FILE IN FILE

(LABEL AREA)

Formal Drawings (____ sheets) set _____

(FACE)

PATENT NUMBER	ORIGINAL CLASSIFICATION
	CLASS SUBCLASS 207 104
PUBLICATION SERIAL NUMBER	CROSS REFERENCE(S)
9/111,041	
APLICANT'S NAME (PLEASE PRINT)	CLASS SUBCLASS (ONE SUBCLASS PER BLOCK)
MICHAEL A. SANDIFER	207 103
EISSUE, ORIGINAL PATENT NUMBER	
INTERNATIONAL CLASSIFICATION	
206 F - 17130	
GROUP ART UNIT	ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)
277	
	PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME) PAUL R. LINTZ

ISSUE CLASSIFICATION SLIP

270
V. 5-91)

ISSUE CLASSIFICATION SLIP

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PATENT AND TRADEMARK OFFICE**